EGE5000

Gigabit Ethernet ExpressCard

The **EGE5000** is a 10/100/1000M Ethernet ExpressCard, which is specifically designed to plug into a desktop or laptop equipped with an ExpressCard slot.

The **EGE5000** provides throughput and connectivity at gigabit speeds up to 1000 Mbps (1Gbps) raw bandwidth, that is 100 times faster than the original Ethernet, yet is compatible with existing Ethernets.

With the innovative design of the foldable connector, the **EGE5000** comes with an ultra slim RJ-45 port that is only half the height of regular RJ-45 connectors, making it the thinnest ExpressCard on the market to date. It's easy and convenient to carry in your pocket, or simply to store away when not in use.

The **EGE5000** enables you to connect your computer via an available ExpressCard slot and your Ethernet and Gigabit network in seconds, you are networked in no time. Plus,

This **EGE5000** also features low power-consuming device which draws power from ExpressCard slot directly, thus no external power supply is required.

FEATURES

- Compliant with ExpressCard standard
- Express interface with 2.5 GHz signaling
- Active state power management (L0s) support
- 10/100/1000M data rate auto-negotiation
- 10/100/1000M IEEE 802.3 compliant
- Feature full duplex mode that doubles the network connection speed
- Foldable connector for convenient carrying and storage
- High-power Bus-power no outside power is required

- Easy to read LED indicators
- Automatic MDI/MDIX crossover at all speed
- Compact and robust design perfect solution for all network users, both desktop and mobile
- Microsoft Plug-and-Play compatible
- Easy Installation
- Wake On LAN (WOL) power management support
- Serial Peripheral Interface (SPI) for remote boot (PXE 2.1)

SPECIFICATIONS

Network Specification	IEEE802.3, 802.3u and 802.3x IEEE802.3ab and 802.3z Cat3/Cat5 UTP/STP cable up to 328ft/100M
Host Interface	High-power ExpressCard Socket powered from PC system, no external power needed Suspend power saving mode supported
LED Indicators	Link Active Status: 1Gbps: Blue 100 Mbps: Green 10Mbps: Yellow
Dimensions	34mm(W) * 108mm(D) * 5 mm (H)
EMC Certification	FCC Part 15B in US, CE EN55022/EN55024
Supported Operating System	Windows98/2000/ME/XP

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ExpressCard™

Interoperability Event Results

Congratulations! After review of the results of the ExpressCard Interoperability Event #2 by PCMCIA's ExpressCard Compliance Program Evaluation Panel, your product:

AboCom Systems, Inc.
Gigabit Ethernet Adapter
Case #: 00017

has PASSED the Interoperability phase of the ExpressCard Compliance Program.

The Compliance Program Evaluation Panel granted exceptions in the case of Interoperability Checklist items GR1, HR1 and HI1 considering that the test failures occurred with other modules using the PCI Express bus on those particular host systems and the panel felt that the failures were most likely host system issues.

Thank you for participating in the Interoperability Event, which is a key milestone in the ExpressCard initiative evolution. Your participation in this event is an indication to the rest of the computer hardware industry that ExpressCard technology is being embraced as the next external I/O expansion standard for desktops and notebooks.

In order for your product to successfully complete the ExpressCard Compliance Program, the ExpressCard Compliance Program Evaluation Panel must review both the Compliance Checklist and Interoperability Event results for your product. Please submit your competed Compliance Checklist for review by the Panel.

Regards,

Brian Ikeya
Compliance Program Manager
PCMCIA